

View Online at <https://aerobasegroup.com/nsn/5306-01-008-4195>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.930 inches

**Fastener Length:**

Between 1.740 inches and 1.750 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

0.800 inches

**Head Height:**

0.250 inches

**Shoulder Diameter:**

0.535 inches first shoulder and 0.540 inches first shoulder

**Shoulder Length:**

0.690 inches first shoulder and 0.700 inches first shoulder

**Rib Major Diameter:**

Between 0.550 inches and 0.560 inches

**Rib Length:**

0.120 inches

**Distance From Largest Diameter Of Bearing Surface Of Head To Ribs:**

0.090 inches

**Rib Minor Diameter:**

Between 0.535 inches and 0.540 inches

**Rib Quantity:**

35

**Thread Diameter:**

0.500 inches

**Thready Qty Per Inch (tpi):**

20

**Hardness Rating:**

78.0 rockwell superficial 15-n and 84.0 rockwell superficial 15-n

**Shoulder Shape:**

Ribbed first shoulder

**Material:**

Steel comp 1335 or steel comp 1340 or steel comp 4037 or steel comp 4135 or steel comp 8637 or steel comp 8640 or steel comp 8735 or steel comp 8740

**Material Specification:**

Qq-w-405 federal specification 1st material response or astm a322 assn standard 1st material response or qq-w-405 federal specification 2nd material response or astm a322 assn standard 2nd material response or qq-w-405 federal specification 3rd material response or astm a322 assn standard 3rd material response or qq-w-405 federal specification 4th material response or qq-w-405 federal specification 5th material response or astm a322 assn standard 5th material response or qq-w-405 federal specification 6th material response or qq-w-405 federal specification 7th material response or qq-w-405 federal specification 8th material response or astm a322 assn standard 8th material response

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 2 federal specification 1st treatment response and qq-p-416, type 2, cl 2 federal specification 2nd treatment response or qq-z-325, type 2, cl 2 federal specification 3rd treatment response and qq-z-325, type 2, cl 2 federal specification 4th treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0